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What is claimed is:

1. A method for making a silicic acid containing rubber base composition, the method comprising the steps of:

providing composition ingredients of rubber, silicic acid, silane and additional additives except for vulcanization ingredients;

providing first and second mixers separate from each other wherein said ingredients except for said vulcanization ingredients can be mixed;

introducing all of said composition ingredients into said first mixer except for said vulcanization ingredients simultaneously or at time intervals;

mixing said composition ingredients introduced into said first mixer to a composition in said first mixer;

transferring the composition formed in said first mixer directly into said second mixer without an intermediate storage thereof; and,

mixing the transferred composition formed in said first mixer at least almost to completion in said second mixer with the temperature lying in the temperature range of 130° C to 180° C at least over the greatest part of the dwell time of the composition in said second mixer wherein said silicic acid reacts acceleratedly with said silane.

- 2. The method of claim 1, comprising the further step of heating said composition in said first mixer to a temperature lying in a temperature range of 110° C to 140° C.
- 3. The method of claim 1, comprising the further step of heating

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said composition in said first mixer to a temperature lying in a temperature range of 130°C to 180°C.

- 4. The method of claim 1, wherein the dwell time of the composition in said first mixer corresponds to the dwell time of the composition in said second mixer.
- 5. The method of claim 4, wherein:

a first time duration is needed in order to uniformly distribute said composition ingredients;

a second time duration longer than said first time duration is needed in order to bring about at least almost a complete reaction of said silicic acid with said silane;

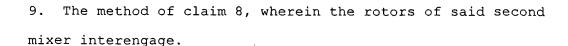
said dwell time in said first mixer and said dwell time in said second mixer corresponds to half of the total time composed of said first and second time durations; and,

the temperature of said composition in said first mixer is held in a temperature range of 130°C to 180°C over at least a time span which amounts to the difference between said second time duration and the dwell time of the composition in said second mixer.

- 6. The method of claim 1, wherein said first mixer is a ram mixer.
- 7. The method of claim 6, wherein the rotors of said first mixer interengage.
- 8. The method of claim 1, wherein said second mixer is a ramless mixer.

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- 10. The method of claim 1, wherein said second mixer has a greater fill volume than said first mixer.
- 11. The method of claim 1, comprising the further step of providing a suction unit between said first and second mixers for drawing off reaction products which develop during the reaction of said silicic acid and said silane in said second mixer.
- 12. The method of claim 1, wherein the transfer of the composition from said first mixer to said second mixer takes place utilizing gravity force.
- 13. An arrangement for carrying out a method for making a silicic acid containing rubber base composition, the arrangement comprising:

a first mixer for receiving and mixing composition ingredients of rubber, silicic acid, silane and additional additives except for vulcanization ingredients;

a second mixer for receiving the composition formed in said first mixer;

said second mixer being a ramless mixer which is so configured and includes means for heating the rubber base composition transferred into said second mixer from said first mixer to a temperature in a temperature range of 130° C to 180° C and/or for maintaining the transferred rubber base composition within said temperature range of 130° C to 180° C.

14. The arrangement of claim 13, wherein said second mixer includes rotors; and, said second mixer heats the transferred rubber base composition with the rotation of the rotors thereof.